



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Balasulojini KARUNANANDAA *et al.*

Appln. No.: 10/030,537

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Conf. No.: 4151

Art Unit: 1638

Examiner: Russell KALLIS

Atty. Docket: 16518.121

For: *Nucleic Acid Molecules and Other Molecules Associated with Sterol Synthesis and Metabolism*

RESPONSE TO OFFICE ACTION

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office communication mailed July 14, 2005 ("Office Action"), Applicants provide the following amendments and remarks.

Amendments to Claims begin on page 2.

Remarks begin on page 7.